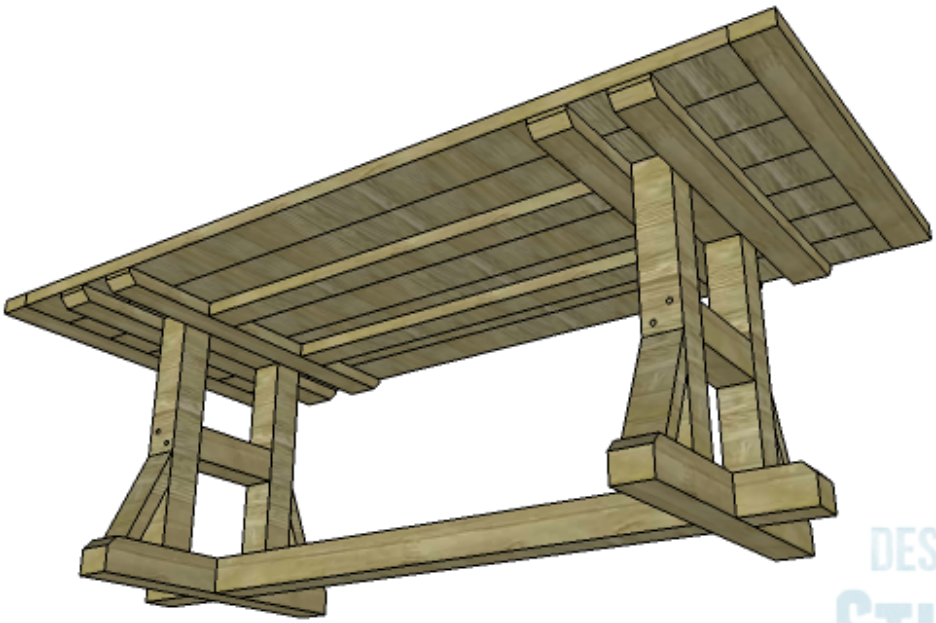
A New Knock-Off Dining Table Plan

DIY Furniture Plans to Build a PB Inspired Stafford Dining Table

The last knock-off plan I posted, the IKEA Inspired Hemnes Glass Door Cabinet was quite popular so I decided to start creating knock-off (or "inspired by") plans again. The DIY furniture plans to build a PB Inspired Stafford Dining Table are very similar to the original piece. I did make a few tweaks to make it easier to build and I also omitted the expanding feature that the original has – this table is big enough! The table features chunky legs with a lower brace and a planked top with breadboard ends. Plus, it is a really easy build but may take two people to move it into the house!



Materials:

- 2-1/2″ pocket hole screws
- 3″ regular screws
- 3-1/2″ or 4″ regular screws
- 2″ brad nails
- Wood glue
- Sandpaper (100, 150, 220 grits)
- Finishing supplies (primer & paint, or stain, sealer)

Tools needed:

- Miter saw or circular saw
- Drill
- Pocket hole jig
- Pneumatic brad nailer with compressor (or battery operated brad nailer)
- Sander

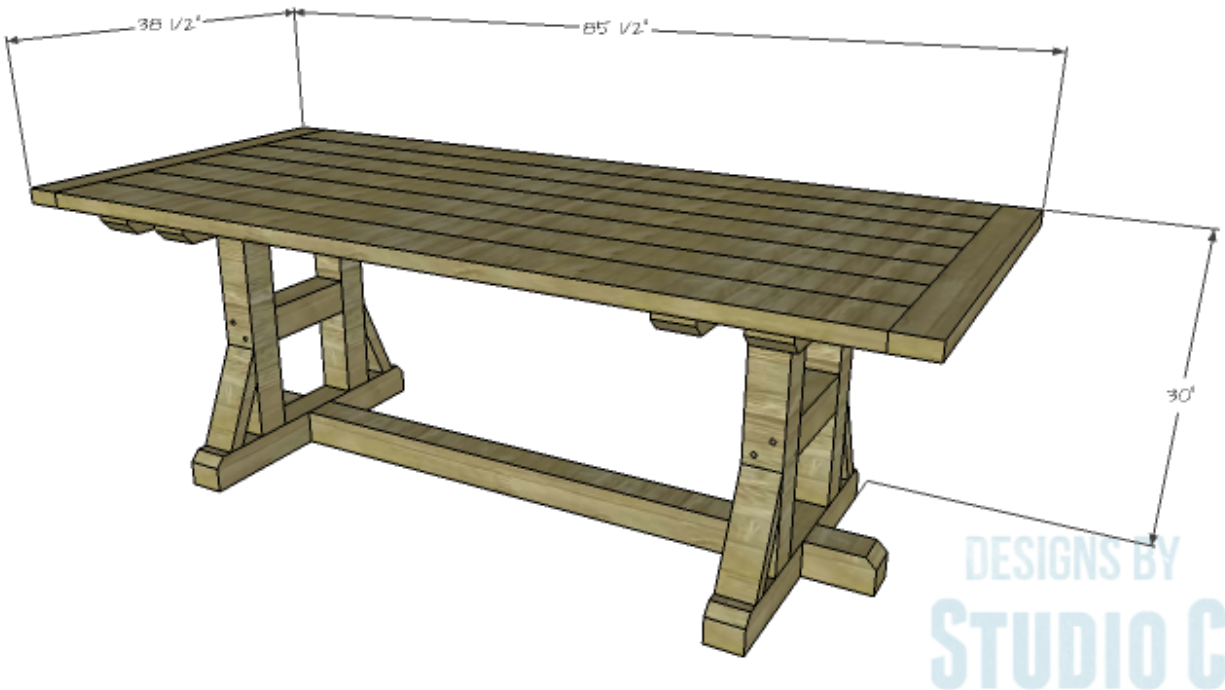
Lumber:

- 4 – 2×4 at 8′

- 7 – 2×6 at 8′
- 4 – 4×4 at 8′

Cut List:

- 4 – 4×4 at 25″ – Side Legs
- 2 – 4×4 at 30-1/2″ – Lower Side Feet
- 2 – 4×4 at 10-1/2″ – Side Leg Brace
- 2 – 2×4 at 10-1/2″ – Side Leg Upper Brace
- 2 – 2×4 at 10-5/8″ – Decorative Braces
- 2 – 4×4 at 6-1/2″ – Outer Feet
- 1 – 4×4 at 52-1/2″ – Center Support
- 4 – 2×4 at 38-1/2″ – Widthwise Top Supports
- 2 – 2×4 at 45-1/2″ – Lengthwise Top Supports
- 7 – 2×6 at 78-1/2″ – Top Planks
- 2 – 2×4 at 38-1/2″ – Top Breadboard Ends



Click on the drawings for a larger view!

Notes about the project:

The 4×4 pieces are connected to each other using pocket holes but with a sort of twist… the jig is clamped to the piece

locating the end of it approximately 1-1/2″ back from the edge of the material. This is because the 4×4 material cannot fit into the regular jig. Since the longest pocket hole screws available are 2-1/2″, regular 3-1/2″ or 4″ screws are used but care must be taken so that the screws are not sunk too deeply in the pocket hole. Always use plenty of glue! The joins can also be reinforced on the outside with spray painted mending plates and angle braces for a more industrial look! (Kreg also makes an HD pocket hole jig for thicker material…)

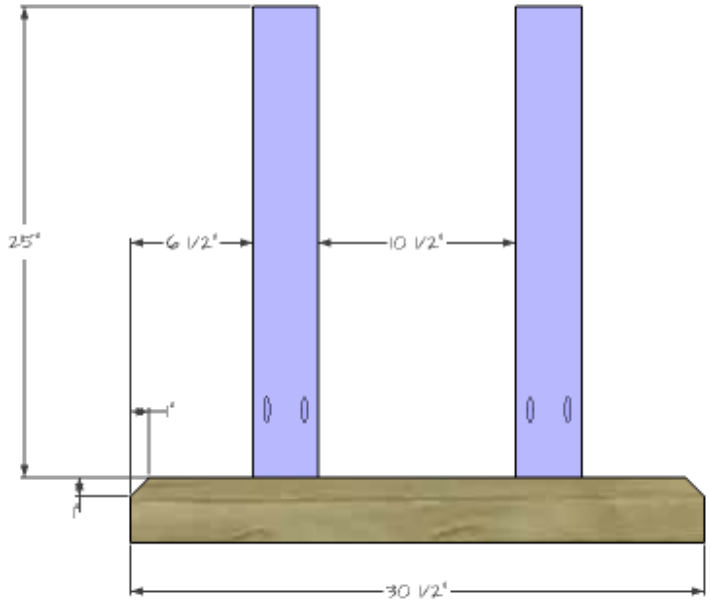
The center support and the lengthwise supports will be secured to the leg assemblies without glue in case the table has to be disassembled to move it indoors!

Step One

Cut the pieces for the side legs. Drill pocket holes in one end of each of the 25″ 4×4 pieces as well as both ends of the 10-1/2″ 4×4 pieces. Secure the legs to the foot pieces as shown using glue and 3-1/2″ or 4″ regular screws.

Set the pocket hole jig for 1-1/2″ material and drill pocket holes in each end of the side leg upper brace. Secure the upper brace to the legs using glue and 2-1/2″ pocket hole screws.

Cut the pieces for the decorative braces. Cut the angles in the ends as shown. Secure the braces to the feet and legs using glue and 2″ brad nails.



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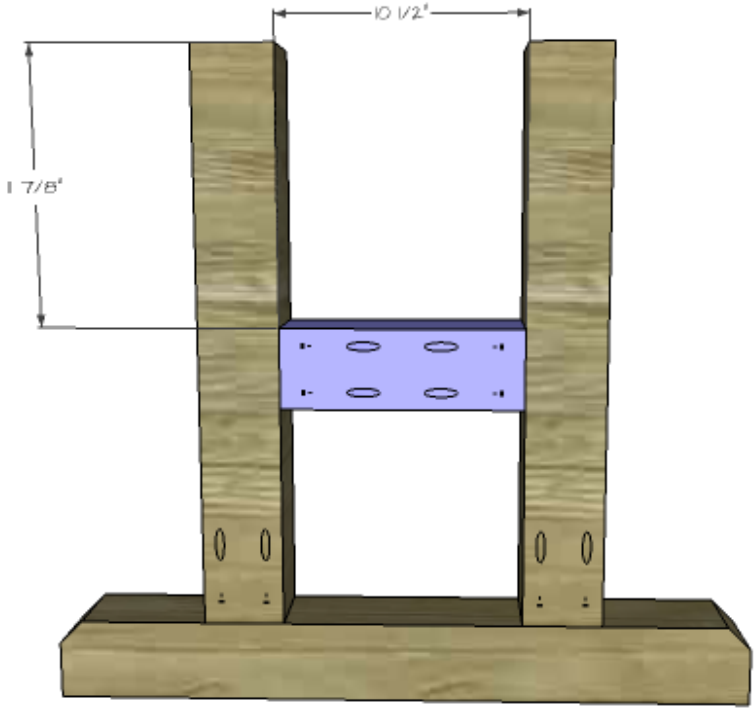

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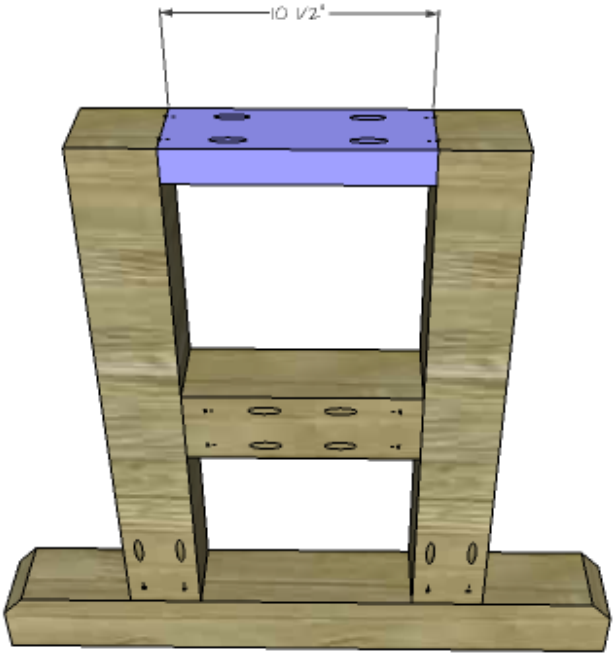

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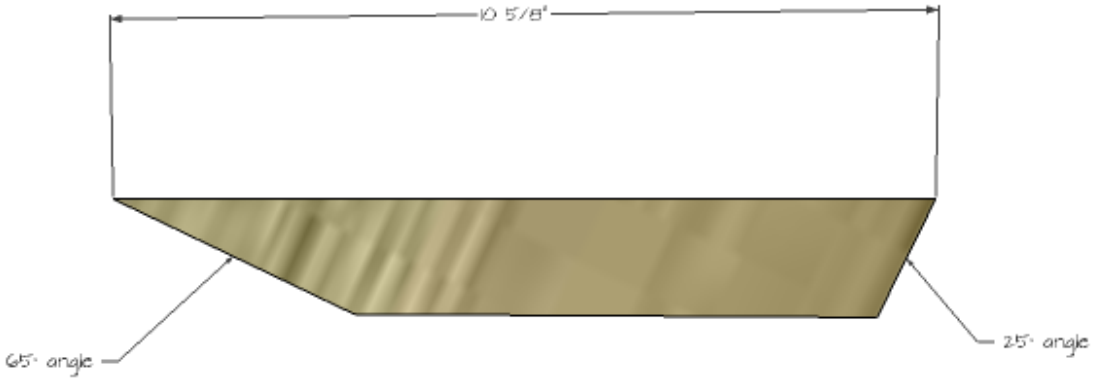

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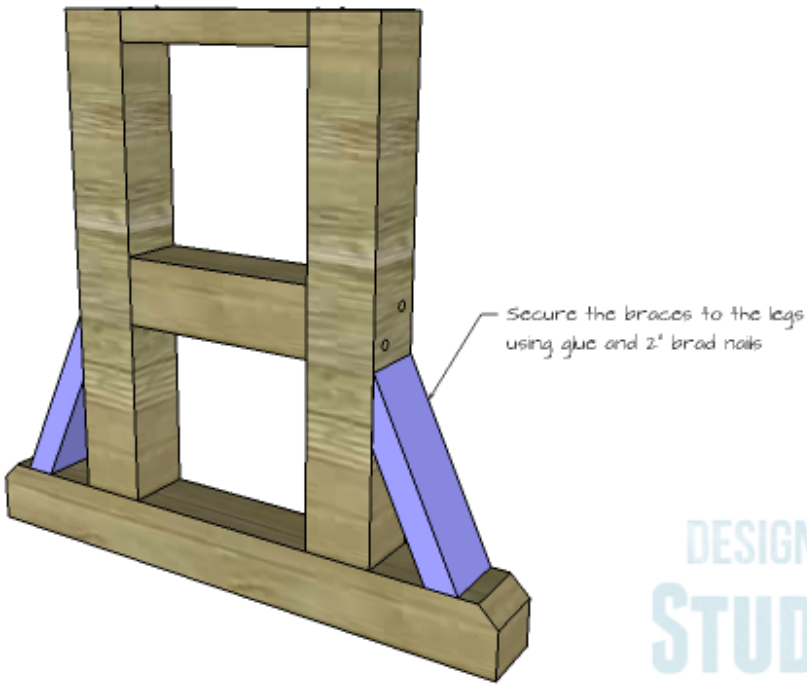
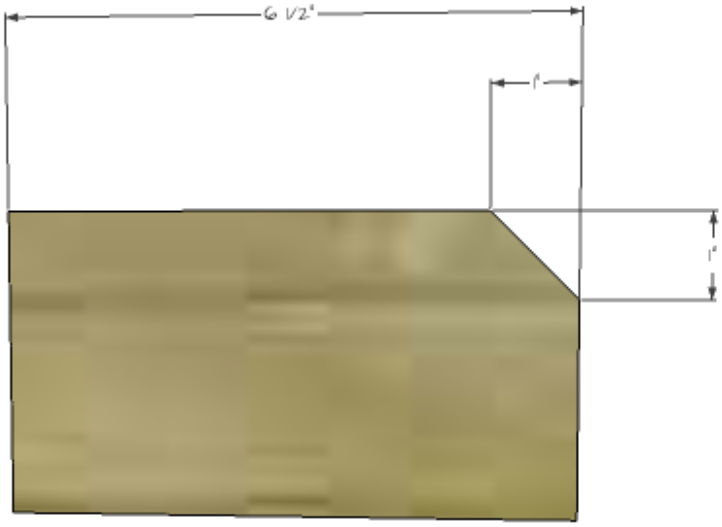


Step Two

Cut the pieces for the outer feet and cut a bevel in one top end of each of the piece. Drill pocket holes on the bottom side of the piece, opposite the bevel. Secure the side feet to the lower foot piece using glue and 3-1/2″ or 4″ regular screws.

Cut the piece for the center support and drill pocket holes in each end. Secure the center support to the lower feet (opposite the side feet) using 3-1/2″ or 4″ regular screws. *Do not use glue in case the table has to be disassembled!*



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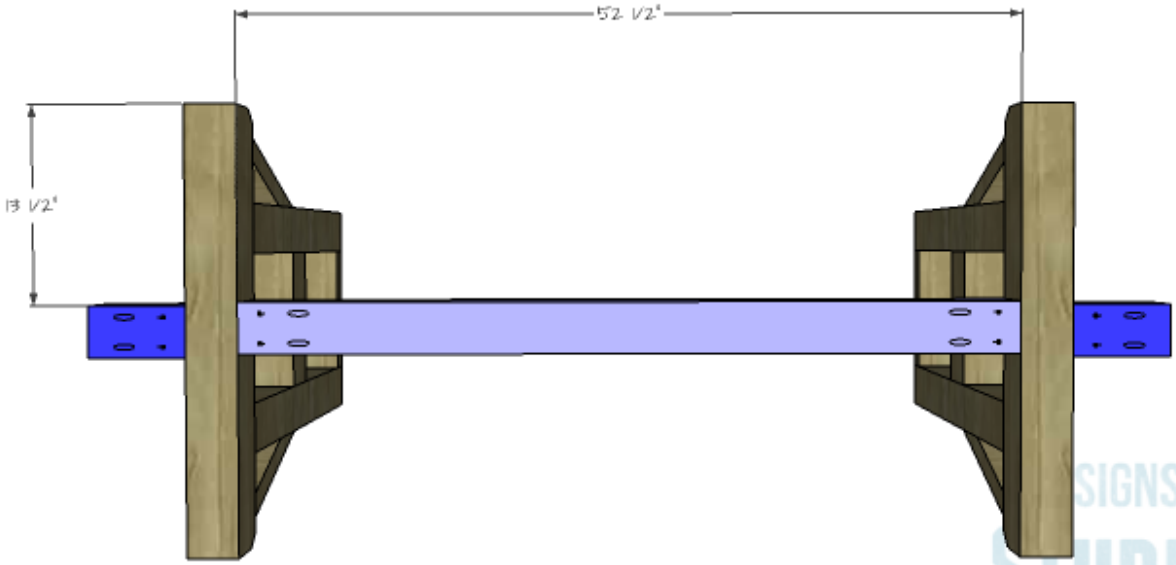

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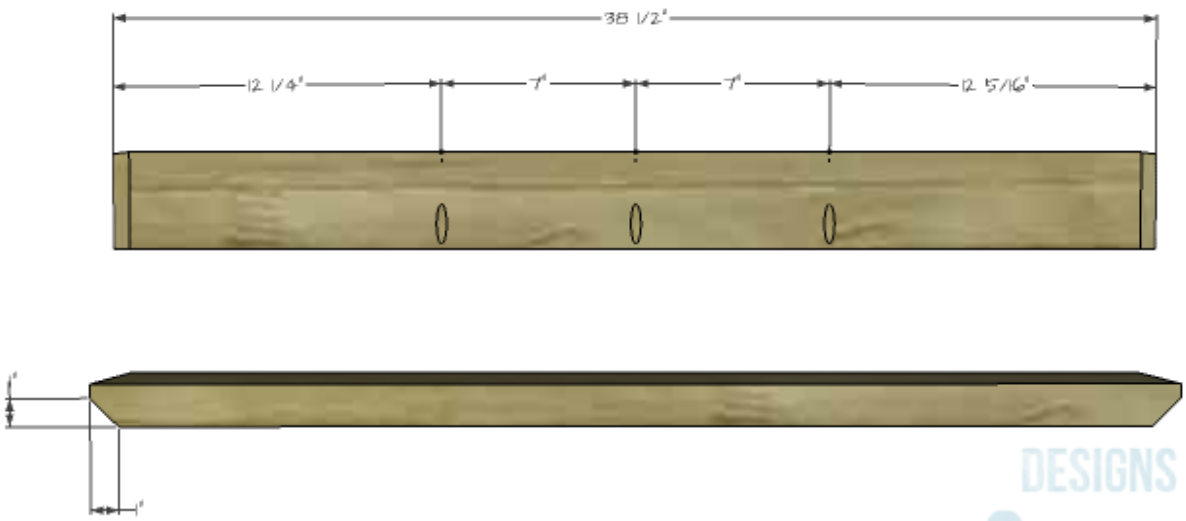
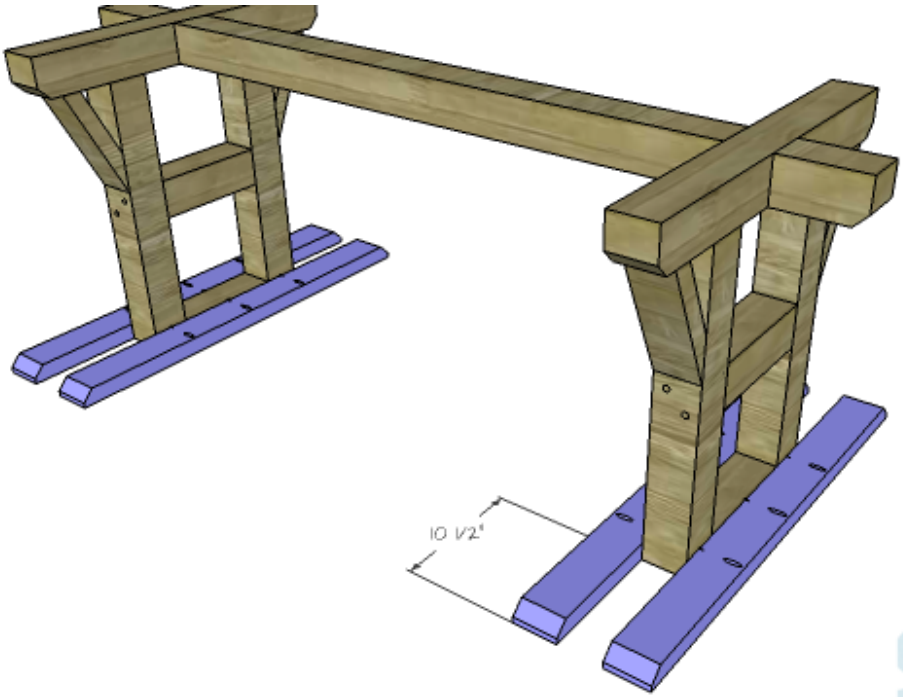
Step Three

Cut the pieces for the upper widthwise top supports. Cut a bevel in each end of each piece. Set the pocket hole jig for 1-1/2″ and drill pocket holes along one long edge as shown in the drawing. Secure the widthwise supports to the legs and upper side support as shown in the drawing using glue and

2-1/2″ pocket hole screws.

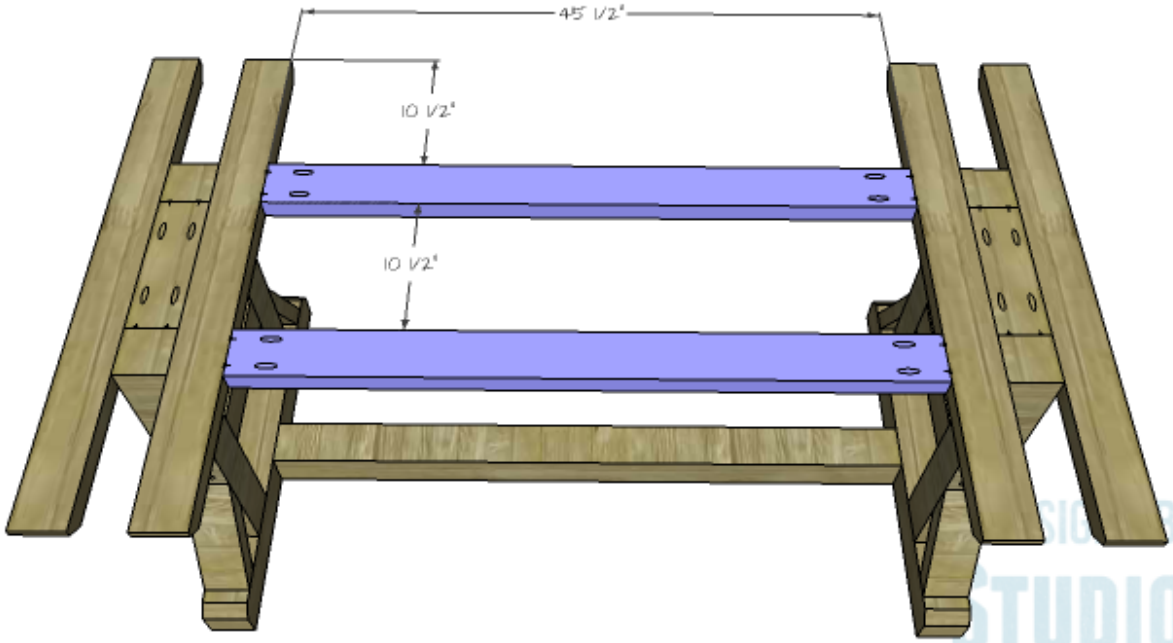




Step Four

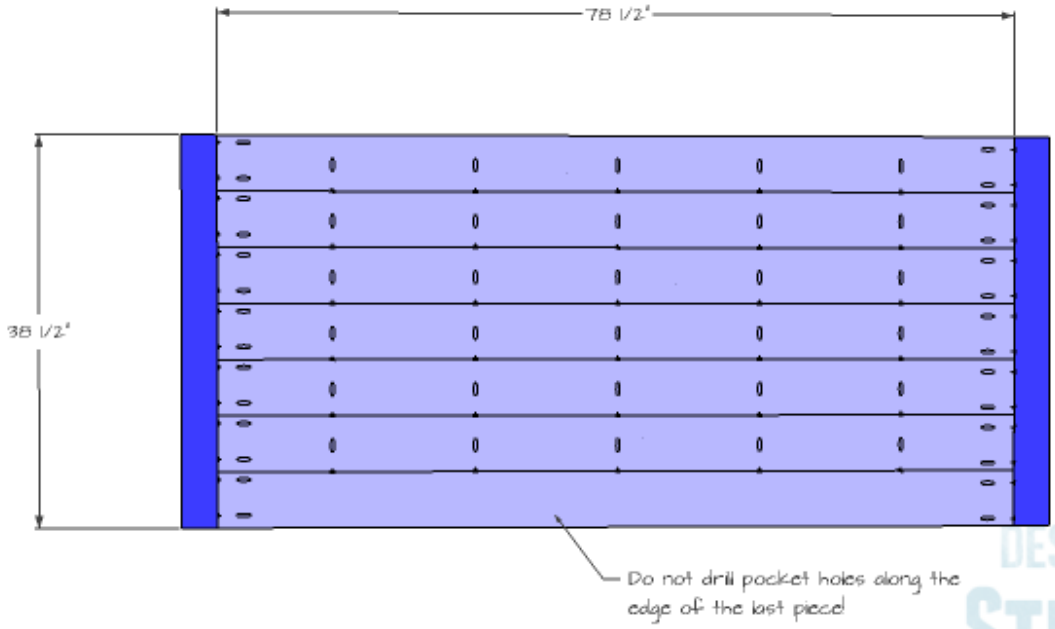
Cut the pieces for the lengthwise supports and drill pocket holes in each end. Secure the lengthwise supports to the inner widthwise supports as shown in the drawing using 2-1/2″ pocket hole screws. *Do not use glue in case the table has to be*

disassembled!



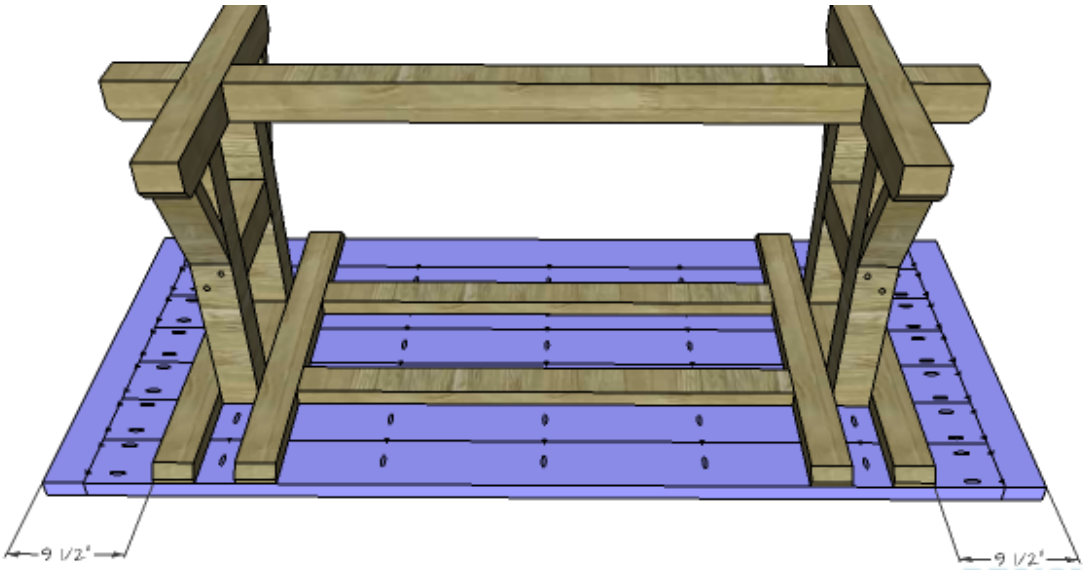
Step Five

Cut the pieces for the top planks and breadboards. Drill pocket holes in each end of the 2×6 planks as well as in one long edge of each piece *except for one!* Assemble the top using glue and 2-1/2″ pocket hole screws.



Step Six

Lay the top on a flat surface with the top side facing down. Position the leg/base assembly on the underside of the table top as shown in the drawing. Secure the base to the top using 3″ screws through the widthwise and lengthwise supports into the underside of the table.



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Finish as desired.

This length of this table can also be customized by shortening the length of the 2×6 planks, the lengthwise supports and the center supports. Have any questions about the DIY furniture plans to build a PB Inspired Stafford Dining Table? Leave a comment below!